<center>CLAIMS</center>

What is claimed is:

1   1.   A single I/O interface comprising:

2   a host port; and

3   a peripheral port, wherein the host port and the peripheral port are

4   defined using predetermined signals.

1   2.   The interface of claim 1 wherein the host and peripheral ports are USB

2   ports.

1   3.   The interface of claim 1 wherein two connected devices can have a peer-

2   to-peer connection via the host port and peripheral port.

1   4.   The interface of claim 1 wherein two connected devices can have a one-

2   to-many relationship via the host port and peripheral port.

1   5.   The interface of claim 1 wherein a device only needs one physical I/O

2   port via the connector.

1   6.   The interface of claim 1 wherein the predetermined signals comprise host

2   differential data lines and peripheral differential data lines.

1 7. A USB network comprising:

2 a first device; the first device including a single I/O interface, the interface

3 including a host port; and a peripheral port wherein the host port and the peripheral port

4 are defined using predetermined signals; and

5 a second device for communicating with the first device, the second

6 device using the predetermined signals.

1 8. The USB network of claim 7 wherein the predetermined signals are

2 within a standard.

1 9. The USB network of claim 8 wherein the standard comprises the

2 universal serial bus (USB) standard.

1 10. The USB network of claim 9 wherein the first and second devices can be

2 any of a camera, computer, personal digital assistant, laptop device, handheld device,

3 printer, and cellular telephone.

1 11. The USB network of claim 7 wherein the predetermined signals comprise

2 host differential data lines and peripheral differential data lines.

1 12. A device comprising:

2 a processor; and

3 a single I/O interface coupled to the processor, the connector comprising a

4 host port; and a peripheral port, wherein the host port and the peripheral port are

5 defined using predetermined signals.

1 13. The device of claim 12 wherein the single I/O interface requires a

2 connection to only one physical I/O port if the device is coupled to a device with a

3 connector that includes a host port and a peripheral port which are defined using the

4 predetermined signals.

1 14. The device of claim 12 wherein the predetermined signals comprise host

2 differential data lines and peripheral differential data lines.